

AMENDMENTS TO THE SPECIFICATION:

Please delete the paragraph on page 15, lines 14-26 and replace it with the following paragraph:

--Generation of *Ipfl/GPR40* transgenic mice

The *GPR40* coding ORF was isolated as a 930-basepair *Xba*I-*Bgl*II restriction fragment from clone E7 (Michael Walker). Following fill in of 5'-overhang the isolated fragment was cloned behind the *Ipfl/Pdx1* promotor (Apelqvist, 1997). Transgenic mice were generated by pronuclear injection of a purified 6.5-kb *Not*I-*Bss*HII restriction-fragment encompassing the *Ipfl/Pdx1* promotor followed by the *GPR40* cDNA into F2 hybrid oocytes from B6/CBA parents as described (Hogan B. *Manipulating the mouse embryo*, 1994). Genomic DNA extracted from tail biopsies or embryonic heads were used in PCR analyses to determine the genotype of transgenic animals. The primers used were: 5'- GGGAAAGAGGAGATGTAGACTT-3' (SEQ ID NO: 3) (*Ipfl/Pdx1* primer for 5') and 5'- GTAGAGGGAGCAAAGTG-3' (SEQ ID NO: 4) (*GPR40* primer 3'). Expression from the transgene was confirmed by *in situ* staining on e10 embryos.--